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conveying, transporting, elevating, and included in this will be weighing, measuring and power transmission equipment. So important have these mechanical features become for all industrial plants due to the shortage and high wage for man power that an unusual interest is expected in this new section.

The program for the exposition will have session on subjects the phases of which will be developed in the exhibits of these latter two sections. There will be sessions on chemical engineering for which an elaborate program is planned. Motion pictures which will have an interest for mechanical men will form part of the program, and there will be popular public addresses as well.

THE WORK OF THE NATIONAL COMMITTEE ON MATHEMATICAL REQUIREMENTS

THE National Committee on Mathematical Requirements held a meeting in Chicago on April 23 and 24. The principal topic discussed at this meeting was the preliminary report on "Junior High School Mathematics" prepared for the committee by Mr. J. A. Forberg. After detailed discussion and some amendment and revision, the report was adopted by the committee and its publication as a preliminary report authorized. It has been submitted to the U. S. Bureau of Education for publication as one of its secondary school circulars.

Reports of progress were made by subcommittees on the training of teachers, experimental schools and courses, disciplinary values and transfer of training, elective courses in mathematics for high schools, and mental tests. It is expected that preliminary reports on all of these topics will be ready for consideration by the committee at its next meeting on September 2, 3 and 4. The attention of experimental schools throughout the country is called to the report on this subject being prepared for the committee by Mr. Raleigh Schorling of the Lincoln School, New York City. Any experimental school or schools giving experimental courses in mathematics who desire to be represented in this report should communicate with Mr. Schorling

without delay, if they have not already done so. A subcommittee on the standardization of terminology and symbolism, with Professor D. E. Smith as chairman, and a subcommittee on junior college mathematics, with Mr. A. C. Olney as chairman, were appointed. J. W. Young, Raleigh Schorling and W. F. Downey were authorized to take steps to initiate investigations into the mathematical elements entering into various industries, professions, vocations, etc.

A budget for the coming year based on the recent appropriation of the General Education Board of \$25,000 for the use of the committee in completing its work was adopted. It is hoped that the increase in the item allowed for traveling expenses in this budget will make it possible for representatives of the committee to reach educational meetings in all sections of the country where such representatives are desired to discuss the various reports of the committee. Nearly 70 organizations are at present actively cooperating with the committee and it is hoped that many others will communicate with the chairman in the interest of furthering the nationwide study and discussion which is already underway. J. W. Young, 24 Musgrove Building, Hanover, N. H., and J. A. Forberg, 3829 North Tripp Avenue, Chicago, Ill., were re-elected chairman and vice-chairman, respectively, of the committee for the ensuing year.

J. W. YOUNG,
Chairman

THE ELLIOT MEDAL IN ZOOLOGY AND PALEONTOLOGY

TERMS of the award of the Daniel Giraud Elliot Medal for zoology are written in the deed of gift to the National Academy of Sciences as follows:

One such medal and diploma shall be given in each year and they, with any unexpected balance of income for the year, shall be awarded by the said National Academy of Sciences to the author of such paper, essay or other work upon some branch of zoology or paleontology published during the year as in the opinion of the persons, or a majority of the persons, hereinafter appointed to be the judges in that regard, shall be the most